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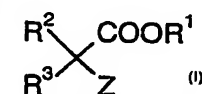
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(54) Title: **PROCESS FOR THE SEPARATION OF PALLADIUM CATALYST FROM CRUDE REACTION MIXTURES OF ARYL ACETIC ACIDS OBTAINED BY CARBONYLATION**



(57) Abstract: A process for the separation of palladium from solvent-free at room temperature solid crude reaction mixtures comprising aryl acetic acids of the general formula (I), wherein Z means phenyl, naphth-2-yl, 9H-fluoren-2-yl, substituted carbazol-2-yl, benzoxazol-5-yl, either of which can be substituted with H, C<sub>1</sub>-C<sub>8</sub>-alkyl optionally cyclic and optionally substituted with -F or -Cl, C<sub>6</sub>-C<sub>10</sub>-aryl optionally substituted with F or Cl, OR<sup>4</sup>, COR<sup>5</sup>, F, -Cl; optionally substituted pyrrolyl or dehydropyrrolyl or 1-oxo-1,3-dehydro-isoindol-2-yl; R<sup>1</sup> means H or thiophenyl; which crude mixture is obtained by palladium catalyzed carbonylation, by adsorption of the palladium on solid adsorbents, characterized in that the adsorption is carried out in the absence of a reducing agent for palladium and at a temperature, where the crude reaction mixture is molten.